

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/567,557  
Source: IFWP  
Date Processed by STIC: 8/14/06

# ***ENTERED***



IFWP

## RAW SEQUENCE LISTING

DATE: 08/14/2006

PATENT APPLICATION: US/10/567,557

TIME: 13:03:53

Input Set : A:\065691-0434sequencetext.txt

Output Set: N:\CRF4\08142006\J567557.raw

```

3 <110> APPLICANT: AB Science
4     MOUSSY, Alain
5     KINET, Jean-Pierre
7 <120> TITLE OF INVENTION: Use of c-kit inhibitors for treating type II
diabetes
9 <130> FILE REFERENCE: D 21538
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/567,557
C--> 12 <141> CURRENT FILING DATE: 2006-02-08
14 <150> PRIOR APPLICATION NUMBER: US 60/495,088
15 <151> PRIOR FILING DATE: 2003-08-15
17 <160> NUMBER OF SEQ ID NOS: 5
19 <170> SOFTWARE: PatentIn Ver. 2.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 976
23 <212> TYPE: PRT
24 <213> ORGANISM: Homo sapiens
26 <220> FEATURE:
27 <223> OTHER INFORMATION: Human c-kit
29 <400> SEQUENCE: 1
30 Met Arg Gly Ala Arg Gly Ala Trp Asp Phe Leu Cys Val Leu Leu Leu
31   1             5             10             15
33 Leu Leu Arg Val Gln Thr Gly Ser Ser Gln Pro Ser Val Ser Pro Gly
34             20             25             30
36 Glu Pro Ser Pro Pro Ser Ile His Pro Gly Lys Ser Asp Leu Ile Val
37             35             40             45
39 Arg Val Gly Asp Glu Ile Arg Leu Leu Cys Thr Asp Pro Gly Phe Val
40             50             55             60
42 Lys Trp Thr Phe Glu Ile Leu Asp Glu Thr Asn Glu Asn Lys Gln Asn
43   65             70             75             80
45 Glu Trp Ile Thr Glu Lys Ala Glu Ala Thr Asn Thr Gly Lys Tyr Thr
46             85             90             95
48 Cys Thr Asn Lys His Gly Leu Ser Asn Ser Ile Tyr Val Phe Val Arg
49             100            105            110
51 Asp Pro Ala Lys Leu Phe Leu Val Asp Arg Ser Leu Tyr Gly Lys Glu
52             115            120            125
54 Asp Asn Asp Thr Leu Val Arg Cys Pro Leu Thr Asp Pro Glu Val Thr
55             130            135            140
57 Asn Tyr Ser Leu Lys Gly Cys Gln Gly Lys Pro Leu Pro Lys Asp Leu
58   145            150            155            160
60 Arg Phe Ile Pro Asp Pro Lys Ala Gly Ile Met Ile Lys Ser Val Lys
61             165            170            175
63 Arg Ala Tyr His Arg Leu Cys Leu His Cys Ser Val Asp Gln Glu Gly
64             180            185            190
66 Lys Ser Val Leu Ser Glu Lys Phe Ile Leu Lys Val Arg Pro Ala Phe

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67          195          200          205
69 Lys Ala Val Pro Val Val Ser Val Ser Lys Ala Ser Tyr Leu Leu Arg
70          210          215          220
72 Glu Gly Glu Glu Phe Thr Val Thr Cys Thr Ile Lys Asp Val Ser Ser
73 225          230          235          240
75 Ser Val Tyr Ser Thr Trp Lys Arg Glu Asn Ser Gln Thr Lys Leu Gln
76          245          250          255
78 Glu Lys Tyr Asn Ser Trp His His Gly Asp Phe Asn Tyr Glu Arg Gln
79          260          265          270
81 Ala Thr Leu Thr Ile Ser Ser Ala Arg Val Asn Asp Ser Gly Val Phe
82          275          280          285
84 Met Cys Tyr Ala Asn Asn Thr Phe Gly Ser Ala Asn Val Thr Thr Thr
85          290          295          300
87 Leu Glu Val Val Asp Lys Gly Phe Ile Asn Ile Phe Pro Met Ile Asn
88 305          310          315          320
90 Thr Thr Val Phe Val Asn Asp Gly Glu Asn Val Asp Leu Ile Val Glu
91          325          330          335
93 Tyr Glu Ala Phe Pro Lys Pro Glu His Gln Gln Trp Ile Tyr Met Asn
94          340          345          350
96 Arg Thr Phe Thr Asp Lys Trp Glu Asp Tyr Pro Lys Ser Glu Asn Glu
97          355          360          365
99 Ser Asn Ile Arg Tyr Val Ser Glu Leu His Leu Thr Arg Leu Lys Gly
100          370          375          380
102 Thr Glu Gly Gly Thr Tyr Thr Phe Leu Val Ser Asn Ser Asp Val Asn
103 385          390          395          400
105 Ala Ala Ile Ala Phe Asn Val Tyr Val Asn Thr Lys Pro Glu Ile Leu
106          405          410          415
108 Thr Tyr Asp Arg Leu Val Asn Gly Met Leu Gln Cys Val Ala Ala Gly
109          420          425          430
111 Phe Pro Glu Pro Thr Ile Asp Trp Tyr Phe Cys Pro Gly Thr Glu Gln
112          435          440          445
114 Arg Cys Ser Ala Ser Val Leu Pro Val Asp Val Gln Thr Leu Asn Ser
115          450          455          460
117 Ser Gly Pro Pro Phe Gly Lys Leu Val Val Gln Ser Ser Ile Asp Ser
118 465          470          475          480
120 Ser Ala Phe Lys His Asn Gly Thr Val Glu Cys Lys Ala Tyr Asn Asp
121          485          490          495
123 Val Gly Lys Thr Ser Ala Tyr Phe Asn Phe Ala Phe Lys Gly Asn Asn
124          500          505          510
126 Lys Glu Gln Ile His Pro His Thr Leu Phe Thr Pro Leu Leu Ile Gly
127          515          520          525
129 Phe Val Ile Val Ala Gly Met Met Cys Ile Ile Val Met Ile Leu Thr
130          530          535          540
132 Tyr Lys Tyr Leu Gln Lys Pro Met Tyr Glu Val Gln Trp Lys Val Val
133 545          550          555          560
135 Glu Glu Ile Asn Gly Asn Asn Tyr Val Tyr Ile Asp Pro Thr Gln Leu
136          565          570          575
138 Pro Tyr Asp His Lys Trp Glu Phe Pro Arg Asn Arg Leu Ser Phe Gly
139          580          585          590

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141 Lys Thr Leu Gly Ala Gly Ala Phe Gly Lys Val Val Glu Ala Thr Ala
142      595                        600                        605
144 Tyr Gly Leu Ile Lys Ser Asp Ala Ala Met Thr Val Ala Val Lys Met
145      610                        615                        620
147 Leu Lys Pro Ser Ala His Leu Thr Glu Arg Glu Ala Leu Met Ser Glu
148 625                        630                        635                        640
150 Leu Lys Val Leu Ser Tyr Leu Gly Asn His Met Asn Ile Val Asn Leu
151      645                        650                        655
153 Leu Gly Ala Cys Thr Ile Gly Gly Pro Thr Leu Val Ile Thr Glu Tyr
154      660                        665                        670
156 Cys Cys Tyr Gly Asp Leu Leu Asn Phe Leu Arg Arg Lys Arg Asp Ser
157      675                        680                        685
159 Phe Ile Cys Ser Lys Gln Glu Asp His Ala Glu Ala Ala Leu Tyr Lys
160      690                        695                        700
162 Asn Leu Leu His Ser Lys Glu Ser Ser Cys Ser Asp Ser Thr Asn Glu
163 705                        710                        715                        720
165 Tyr Met Asp Met Lys Pro Gly Val Ser Tyr Val Val Pro Thr Lys Ala
166      725                        730                        735
168 Asp Lys Arg Arg Ser Val Arg Ile Gly Ser Tyr Ile Glu Arg Asp Val
169      740                        745                        750
171 Thr Pro Ala Ile Met Glu Asp Asp Glu Leu Ala Leu Asp Leu Glu Asp
172      755                        760                        765
174 Leu Leu Ser Phe Ser Tyr Gln Val Ala Lys Gly Met Ala Phe Leu Ala
175      770                        775                        780
177 Ser Lys Asn Cys Ile His Arg Asp Leu Ala Ala Arg Asn Ile Leu Leu
178 785                        790                        795                        800
180 Thr His Gly Arg Ile Thr Lys Ile Cys Asp Phe Gly Leu Ala Arg Asp
181      805                        810                        815
183 Ile Lys Asn Asp Ser Asn Tyr Val Val Lys Gly Asn Ala Arg Leu Pro
184      820                        825                        830
186 Val Lys Trp Met Ala Pro Glu Ser Ile Phe Asn Cys Val Tyr Thr Phe
187      835                        840                        845
189 Glu Ser Asp Val Trp Ser Tyr Gly Ile Phe Leu Trp Glu Leu Phe Ser
190      850                        855                        860
192 Leu Gly Ser Ser Pro Tyr Pro Gly Met Pro Val Asp Ser Lys Phe Tyr
193 865                        870                        875                        880
195 Lys Met Ile Lys Glu Gly Phe Arg Met Leu Ser Pro Glu His Ala Pro
196      885                        890                        895
198 Ala Glu Met Tyr Asp Ile Met Lys Thr Cys Trp Asp Ala Asp Pro Leu
199      900                        905                        910
201 Lys Arg Pro Thr Phe Lys Gln Ile Val Gln Leu Ile Glu Lys Gln Ile
202      915                        920                        925
204 Ser Glu Ser Thr Asn His Ile Tyr Ser Asn Leu Ala Asn Cys Ser Pro
205      930                        935                        940
207 Asn Arg Gln Lys Pro Val Val Asp His Ser Val Arg Ile Asn Ser Val
208 945                        950                        955                        960
210 Gly Ser Thr Ala Ser Ser Ser Gln Pro Leu Leu Val His Asp Asp Val
211      965                        970                        975
217 <210> SEQ ID NO: 2

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Input Set : A:\065691-0434sequencetext.txt

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218 <211> LENGTH: 30
219 <212> TYPE: DNA
220 <213> ORGANISM: Homo sapiens
222 <220> FEATURE:
223 <223> OTHER INFORMATION: Primer
225 <400> SEQUENCE: 2
226 aagaagagat ggtacctcga ggggtgaccc 30
229 <210> SEQ ID NO: 3
230 <211> LENGTH: 33
231 <212> TYPE: DNA
232 <213> ORGANISM: Homo sapiens
234 <220> FEATURE:
235 <223> OTHER INFORMATION: Primer
237 <400> SEQUENCE: 3
238 ctgcttcgcg gccgcgttaa ctcttctcaa cca 33
241 <210> SEQ ID NO: 4
242 <211> LENGTH: 20
243 <212> TYPE: DNA
244 <213> ORGANISM: Homo sapiens
246 <220> FEATURE:
247 <223> OTHER INFORMATION: Primer
249 <400> SEQUENCE: 4
250 agctcgttta gtgaaccgtc 20
253 <210> SEQ ID NO: 5
254 <211> LENGTH: 20
255 <212> TYPE: DNA
256 <213> ORGANISM: Homo sapiens
258 <220> FEATURE:
259 <223> OTHER INFORMATION: Primer
W--> 260 <400> SEQUENCE: 5
261 gtcagacaaa atgatgcaac 20

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**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/567,557

DATE: 08/14/2006

TIME: 13:03:54

Input Set : A:\065691-0434sequencetext.txt

Output Set: N:\CRF4\08142006\J567557.raw

L:11 M:270 C: Current Application Number differs, Replaced Current Application Number

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:260 M:283 W: Missing Blank Line separator, <400> field identifier